



ACTI-PLUS™ 2818

MICROBICIDE

Product Benefits

ACTI-PLUS 2818 microbicide contains a unique inorganic chlorine stabilizer formulated with chlorine and offers the following benefits:

- High resistance to mechanical stripping of the active chlorine by the action of moving air and water, enabling reduction of chlorine consumption by up to 25%
- Provides chlorine to the system for a longer period of time which helps reduce energy consumption through continued biofilm removal
- Inorganic stabilizer formulation increases drum stability of the product up to three times longer than generic liquid chlorine

products even when container is open to the atmosphere

- Low chlorine odor in application reducing odor-associated problems — better for indoor use
- Helps prevent destruction of organic scale and corrosion inhibitor chemicals so overall treatment program is not jeopardized
- Effective microbicide action reduces potential for under-deposit anaerobic bacteria corrosion to help:
 - increase equipment life and system reliability
 - minimize repair and maintenance costs
 - avoid unscheduled downtime

Principal Uses

ACTI-PLUS 2818 is a patented chlorine-based formulation in liquid form that is designed to control bacteria, fungi, and algae in industrial and commercial recirculating cooling tower systems, cooling ponds and reservoirs, decorative fountains and brewery pasteurizers. ACTI-PLUS 2818 can be used in

place of conventional gas, liquid, or solid chlorine treatment programs. Its patented stabilizing ability provides a more effective and longer lasting microorganism control than traditional treatments.

ACTI-PLUS 2818 is not intended for use in potable water systems.

General Description

ACTI-PLUS 2818 is a liquid blend of sodium hypochlorite combined with an inorganic stabilizer, having the following properties:

Color	Clear to slightly hazy, light yellow
Form	Liquid
Odor	Slight chlorine
Density	11.0 lb/gal

pH (Neat)	12.5–14.0
Freeze Point	9°F
Flash Point (PMCC)	None, sample boiled at 214°F
Available Chlorine	7.9%
EPA Registration Number	1706-171
Freeze-Thaw Recovery	Complete

(Continued on Reverse Side)

NALCO CHEMICAL COMPANY
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Dosage

Dosage of ACTI-PLUS 2818 is dependent on the level of residual chlorine required and the holding capacity of the system. Your Nalco

representative can recommend the dosage needed to ensure maximum program performance for your system conditions.

Feeding

ACTI-PLUS 2818 can be added neat or conveniently diluted and added into the system in a location where it will be uniformly mixed and

thoroughly distributed. ACTI-PLUS 2818 can be fed using a chemical feed pump or the BIODUCTOR® feeder.

Handling and Storage

Handle ACTI-PLUS 2818 like any oxidizer. Avoid contact with strong acids (sulfuric, phosphoric, nitric, hydrochloric, chromic, sulfonic) which can generate heat, splattering or boiling and the release of toxic fumes. Causes injury to skin and eyes. Do not get in eyes, on skin or clothing. Wear gloves, boots, apron and a face shield with chemical splash goggles. A full slicker suit is recommended if gross exposure is possible. In case of contact, immediately flush with

water for 15 minutes. For a large splash, flood body under a shower. For eyes, immediately flush with water for 15 minutes while holding eyelids open. If ingested, do not induce vomiting. Give water. Call a physician at once for any type contact.

ACTI-PLUS 2818 has in-plant storage limit of 9 months. Keep container tightly closed when not in use.

Shipping

ACTI-PLUS 2818 is shipped from manufacturing locations and regional distribution centers in 55-gallon nonreturnable drums weighing approximately 602 pounds

and in 15-gallon plastic nonreturnable drums weighing approximately 164 pounds. It is also available in 200-gallon returnable PORTA-FEED® units.

Remarks

If you need assistance or information, please call your nearest Nalco representative, or our Naperville office at (312) 961-9500.

For **Medical and Transportation Emergencies** involving Nalco products call (24-hour response): (312) 920-1510.